

# Chapter 8 Activity 4

Tech Pack In Action : Analyze a Scenario

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# Scenario

Ms. Anderson has been teaching Science for 10 years. She was recently introduced to web-based programs that allow her to teach numerous science units using real world and real time content. Although she is excited about using the web-based programs, her use of technology in the classroom is limited to using concept mapping on her own computer. Ms. Anderson has been reading a great deal on the program's website, but has not found any strategies to use it in her classroom. At a recent professional development, her colleague showcased how she had been using the various web-based programs, but Ms. Anderson is still very unsure about how best to use these activities.

Tech Pack Components:	What is Known:	What must be learned:
Technology	<ul style="list-style-type: none"><li>-Concept mapping on her own computer</li><li>- She was exposed to various web-based programs</li></ul>	<ul style="list-style-type: none"><li>- She needs to practice using web-based programs.</li><li>- She needs to learn how to teach her students to properly use web-based programs.</li></ul>
Pedagogy	<ul style="list-style-type: none"><li>- she has not found any strategies to use in her classroom.</li></ul>	<ul style="list-style-type: none"><li>- Needs support from her colleague in order to successfully implement web-based programs</li></ul>

<b>Content</b>	<b>- She knows the Science curriculum well</b>	<b>- The Teacher and the students to be competent in implementing these programs in their science units.</b>
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## Some contextual issues Ms. Anderson must address to implement this new strategy:

- Teaching the students to properly use a web-based program.
- Teaching the students the purpose for using these web-based programs.
- To make sure the project doesn't become an "information locating" exercise, it should call for higher level tasks after the students find the information.
- The focus should be on curriculum not necessarily the web-based activity.

## Some logistical issues Ms. Anderson must address to implement this new strategy:

- Ms. Anderson must make sure her class has access to the computer lab.
- Students have access to internet on all computers and a back up plan should be available if this is not working.
- Availability of her colleague for support if issues arise.
- Groupings of her students- how will they complete the activities?